



STIC Search Report

EIC 2100

STIC Database Tracking Number: 175778

TO: Alphonse Fritz
Location: RND 2C59
Art Unit : 2133
Friday, January 06, 2006

Case Serial Number: 09/784727

From: Geoffrey St. Leger
Location: EIC 2100
Randolph-4B31
Phone: 23450

geoffrey.stleger@uspto.gov

Search Notes

Dear Examiner Fritz,

Attached please find the results of your search request for application 09/784727. I searched Dialog's foreign patent files and non-patent literature files; along with the Internet.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger
4B31/x23540

File 347:JAPIO Nov 1976-2005/Aug(Updated 051205)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200601

(c) 2006 Thomson Derwent

Set	Items	Description
S1	809176	AIRPLANE? ? OR PLANE? ? OR AIRCRAFT? ? OR JET? ? OR AIRLINER? ?
S2	1842004	IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ?
S3	390773	S2(5N) (VIEW??? OR SEE??? OR LOOK??? OR WATCH??? OR REPRESENT??? OR REPRESENTATION OR DEPICT??? OR DISPLAY??? OR SLIDESHOW OR SHOW??? OR PRESENT??? OR PRESENTATION OR BROWS??? OR SCAN??? OR OBSERV??? OR PERUS???)
S4	545885	(S2 OR CAMERA? ?) (7N) (CONNECT??? OR PLUG???? OR LINK??? OR ATTACH???? OR HOOK??? OR RECEIV??? OR ACCEPT??? OR TRANSFER??? OR UPLOAD??? OR DOWNLOAD??? OR COMMUNICAT???? OR TRANSMIT??? OR TRANSMISSION OR PROVID??? OR SEND??? OR SENT)
S5	2011248	SCREEN? ? OR VIDEOSCREEN? ? OR MONITOR? ? OR LCD? ? OR PLASMASCREEN? ? OR FLATPANEL? ? OR PANEL? ? OR DISPLAY? ?
S6	3517	S1 AND S3 AND S4 AND S5
S7	638	S6 AND (PASSENGER? ? OR RIDER? ? OR USER? ? OR OWNER? ? OR INDIVIDUAL? ? OR PEOPLE OR PERSON? ? OR EMPLOYEE? ? OR MEMBER? ? OR STUDENT? ? OR SOMEONE OR SOMEBODY)
S8	233	S6 AND (ANYONE OR ANYBODY OR SUBSCRIBER? ? OR CHILD OR PLAYER? ? OR OPERATOR? ? OR PHOTOGRAPHER? ?)
S9	830	S7:S8
S10	357140	(S2 OR CAMERA? ?) (7N) (CONNECT??? OR PLUG???? OR LINK??? OR ATTACH???? OR HOOK??? OR RECEIV??? OR ACCEPT??? OR TRANSFER??? OR UPLOAD??? OR DOWNLOAD??? OR COMMUNICAT???? OR TRANSMIT??? OR TRANSMISSION OR SEND??? OR SENT)
S11	486	S9 AND S10
S12	1	PN=US 20020109647
S13	103	S1/TI AND S11
S14	1	S12 AND S13
S15	165	S9 AND S1/TI
S16	54	S15 AND AC=US/PR AND AY=(1970:2001)/PR
S17	77	S15 AND AC=US AND AY=1970:2001
S18	77	S15 AND AC=US AND AY=(1970:2001)/PR
S19	106	S15 AND PY=1970:2001
S20	119	S16:S19

20/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

03746588 **Image available**
CONTAINER AND CONTAINING METHOD FOR VIDEO MONITOR EQUIPMENT FOR
PASSENGER AIRPLANE

PUB. NO.: 04-111688 [JP 4111688 A]
PUBLISHED: April 13, 1992 (19920413)
INVENTOR(s): UMEDA KATSUHIKO
APPLICANT(s): JAMCO CORP [367874] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 02-228379 [JP 90228379]
FILED: August 31, 1990 (19900831)
INTL CLASS: [5] H04N-005/64; B60R-011/02; B64D-011/00; F16M-011/12;
F16M-013/02; G09F-009/00
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 22.1 (MACHINERY --
Machine Elements); 26.2 (TRANSPORTATION -- Motor Vehicles);
26.4 (TRANSPORTATION -- Aeronautical Navigation); 29.1
(PRECISION INSTRUMENTS -- Photography & Cinematography);
44.9 (COMMUNICATION -- Other
JAPIO KEYWORD:R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR)
JOURNAL: Section: E, Section No. 1242, Vol. 16, No. 354, Pg. 141, July
30, 1992 (19920730)

ABSTRACT

PURPOSE: To contain the video **monitor** equipment as soon as it is stopped
for operation by restoring a spring to the memorized shape through
resistance heating so as to place the equipment to a visual position, and
moving the equipment to a contained position with an energizing force of
the spring through the stop of power application.

CONSTITUTION: When the video **monitor** equipment 20 is in use, power is
applied to start its operation. Simultaneously a part 23a fixed to a casing
of a 2nd spring 23 is heated through power application, the shape of the
spring 23 is restored to the memorized shape turned by 90 deg. with respect
to the original shape. A casing 10 is turned against an energizing force of
a 1st spring 22 attended with the turning of the fitted part 23a, a video
image is **displayed** on a suspended video **screen** being a bottom plate
110 of a container box 100 at the visual position of a **passenger** 210 in
the equipment 20, and when the equipment 20 is not in use, power is
interrupted to stop power application to the equipment 20 and the spring
23, since the resistance heating of the spring 23 is stopped, the spring 23
is cooled and the energizing force of the spring 22 overcomes the spring 23
and the casing adhered part 22a is turned. Then the equipment is contained
to a container part 120 of a box 100.

20/5/12 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

016216476 **Image available**
WPI Acc No: 2004-374364/200435
XRPX Acc No: N04-297834

In-flight entertainment system for aircraft , has processor that
determines undesired condition and generates responsive thereto
substitute image on at least one passenger video display rather than
permit display of undesired image

Patent Assignee: LIVE TV INC (LIVE-N)

Inventor: FRISCO J A; KEEN M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040078821	A1	20040422	US 2000545267	A	20000407	200435 B

US 2003716987 A 20031119

Priority Applications (No Type Date): US 2000545267 A 20000407; US
2003716987 A 20031119

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20040078821 A1 30 H04N-007/18 Div ex application US 2000545267
Abstract (Basic): US 20040078821 A1

NOVELTY - The entertainment system (30) has a satellite television receiver, and at least one **passenger video display** (47) and a processor connected to the satellite television receiver. The processor determines an undesired condition, e.g. loss of signal, and generates a substitute **image** on the **passenger video display** rather than permit **display** of an undesired **image** such as noise, etc.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of operating an in-flight entertainment system for **aircraft**.

USE - For **aircraft passenger** entertainment during relatively long flights.

ADVANTAGE - Avoids undesired **images** from **passenger video displays**. Provides useful and desired information to **passengers** along with video channels from a satellite television receiver.

DESCRIPTION OF DRAWING(S) - The figure is a schematic diagram of the overall components of the in-flight entertainment system for **aircraft**.

Entertainment system (30)
Antenna system (35)
Multi-channel receiver modulator (40)
Seat electronic boxes (45)
Passenger video display (47)
pp; 30 DwgNo 1/17

Title Terms: FLIGHT; ENTERTAINMENT; SYSTEM; **AIRCRAFT**; PROCESSOR;
DETERMINE; UNDESIRABLE; CONDITION; GENERATE; RESPOND; SUBSTITUTE; IMAGE;
ONE; **PASSENGER**; VIDEO; **DISPLAY**; PERMIT; **DISPLAY**; UNDESIRABLE; IMAGE
Derwent Class: W02; W03; W06
International Patent Class (Main): H04N-007/18
File Segment: EPI

20/5/14 (Item 5 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

015782678 **Image available**
WPI Acc No: 2003-844881/200378
Related WPI Acc No: 2003-844882; 2004-010132; 2004-081407; 2004-154599;
2004-466769

XRPX Acc No: N03-675329

Aircraft system for transportation purposes, has cable distribution network that couples entertainment source to passenger display unit, and camera that provides aircraft surveillance by providing images of inside of aircraft

Patent Assignee: LIVE TV INC (LIVE-N)

Inventor: EASTERLING S D; FRISCO J A; KEEN R M; LOGAN J W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030200546	A1	20031023	US 2000544883	A	20000407	200378 B
			US 2003428650	A	20030502	

Priority Applications (No Type Date): US 2003428650 A 20030502; US
2000544883 A 20000407

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20030200546 A1 44 H04N-007/18 CIP of application US 2000544883

Abstract (Basic): US 20030200546 A1

NOVELTY - The system has a **passenger display** unit for **presenting images** from an entertainment source. A cable distribution network (41) connects the entertainment source to the **passenger display**, and a **camera** provides an aircraft surveillance by **providing the images** of inside of the **aircraft**. A **pilot display** shows the **images** from the **camera**, and the network connects the **camera** to the **pilot display**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of operating an **aircraft** system.

USE - Used for long and short distance transportation purposes.

ADVANTAGE - The system is **provided** with both **aircraft camera** surveillance system and in-flight entertainment system that are made in accordance space and weight constraints for the **aircraft** system, and hence eliminates the need for additional space requirements.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic block diagram of an in-flight entertainment system.

In-flight entertainment system (30)

Antenna system (35)

Multi-channel receiver modulators (40)

Cable distribution network (41)

Video sources (54)

pp; 44 DwgNo 2A/28

Title Terms: **AIRCRAFT**; **SYSTEM**; **TRANSPORT**; **PURPOSE**; **CABLE**; **DISTRIBUTE**; **NETWORK**; **COUPLE**; **ENTERTAINMENT**; **SOURCE**; **PASSENGER**; **DISPLAY**; **UNIT**; **CAMERA**; **AIRCRAFT**; **SURVEILLANCE**; **IMAGE**; **AIRCRAFT**

Derwent Class: W02; W06

International Patent Class (Main): H04N-007/18

File Segment: EPI

20/5/15 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

015625959 **Image available**

WPI Acc No: 2003-688130/200365

XRPX Acc No: N03-549721

Surveillance system for aircraft, forwards camera image signals of monitored area to remote system through radio frequency based satellite communication system

Patent Assignee: BOEING CO (BOEI); POBLETE D D (POBL-I)

Inventor: POBLETE D D

Number of Countries: 101 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030117494	A1	20030626	US 200132345	A	20011221	200365 B
WO 200358571	A1	20030717	WO 2002US33974	A	20021023	200365
AU 2002348030	A1	20030724	AU 2002348030	A	20021023	200421
EP 1456824	A1	20040915	EP 2002784242	A	20021023	200460
			WO 2002US33974	A	20021023	
JP 2005514839	W	20050519	WO 2002US33974	A	20021023	200538
			JP 2003558807	A	20021023	
CN 1618088	A	20050518	CN 2002825758	A	20021023	200558

Priority Applications (No Type Date): US 200132345 A 20011221

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030117494 A1 8 H04N-007/18

WO 200358571 A1 E G08B-015/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
 GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW
 AU 2002348030 A1 G08B-015/00 Based on patent WO 200358571
 EP 1456824 A1 E G08B-015/00 Based on patent WO 200358571
 Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
 GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR
 JP 2005514839 W 13 H04N-007/18 Based on patent WO 200358571
 CN 1618088 A G08B-015/00

Abstract (Basic): US 20030117494 A1

NOVELTY - The video camera (12) positioned on a mobile platform, views a desired area of platform and generates the video signals of the monitored area. The video signals are forwarded to remote monitoring system through a radio frequency based satellite communication subsystem (14). The received video signals are recorded by a recorded in the platform periodically.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for radio frequency signal transmission method.

USE - E.g. airborne surveillance system for use in managing aircraft security and passenger /crew state monitoring in aircrafts

ADVANTAGE - Enables viewing the camera images in real time basis due to bidirectional communication thereby onboard events are monitored efficiently and countermeasures can be initiated appropriately.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of surveillance system.

video camera (12)

satellite communication subsystem (14)

pp; 8 DwgNo 1/5

Title Terms: SURVEILLANCE; SYSTEM; AIRCRAFT ; FORWARD; CAMERA; IMAGE; SIGNAL; MONITOR ; AREA; REMOTE; SYSTEM; THROUGH; RADIO; FREQUENCY; BASED ; SATELLITE; COMMUNICATE; SYSTEM

Derwent Class: Q25; W02; W06

International Patent Class (Main): G08B-015/00; H04N-007/18

International Patent Class (Additional): B64D-045/00; B64D-047/08;

G08B-013/196; G08B-025/00; H04N-007/188

File Segment: EPI; EngPI

20/5/16 (Item 7 from file: 350)
 DIALOG(R) File 350:Derwent WPIX
 (c) 2006 Thomson Derwent. All rts. reserv.

015330758 **Image available**

WPI Acc No: 2003-391693/200337

Related WPI Acc No: 1995-170346; 1998-541966; 2002-255314; 2003-056551;

2003-139324; 2003-165374

XRPX Acc No: N03-312872

Camera display device for use by aircraft pilot, has lens which adjusts dimensions of displayed image for viewing by user such that display and lens are located on single optical axis extended along line of sight of user

Patent Assignee: KOPIN CORP (KOPI-N)

Inventor: GALE R; JACOBSEN J; POMBO S; RONZANI P A

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020190923	A1	20021219	US 93141133	A	19931022	200337 B
			US 94220042	A	19940330	
			US 94287970	A	19940809	
			US 94327113	A	19941021	
			US 96717536	A	19960923	
			US 97857273	A	19970516	
			US 9828730	A	19980224	

US 6683584	B2	20040127	US 2002195918	A	20020715	
			US 93141133	A	19931022	200408
			US 94220042	A	19940330	
			US 94287970	A	19940809	
			US 94327113	A	19941021	
			US 96717536	A	19960923	
			US 97857273	A	19970516	
			US 9828730	A	19980224	
			US 2002195918	A	20020715	

Priority Applications (No Type Date): US 94327113 A 19941021; US 93141133 A 19931022; US 94220042 A 19940330; US 94287970 A 19940809; US 96717536 A 19960923; US 97857273 A 19970516; US 9828730 A 19980224; US 2002195918 A 20020715

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020190923	A1		89	G09G-003/18	CIP of application US 93141133 CIP of application US 94220042 CIP of application US 94287970 Cont of application US 94327113 Cont of application US 96717536 Cont of application US 97857273 Cont of application US 9828730 Cont of patent US 6421031
US 6683584	B2			G02B-027/14	CIP of application US 93141133 CIP of application US 94220042 CIP of application US 94287970 Cont of application US 94327113 Cont of application US 96717536 Cont of application US 97857273 Cont of application US 9828730 Cont of patent US 6421031

Abstract (Basic): US 20020190923 A1

NOVELTY - An active matrix **display** has an active matrix circuit including arrays of pixel circuits and pixel electrodes. An **image** processing circuit mounted in a housing is **connected** to an electronic imaging **camera** and the **display**. A lens adjusts the dimensions of a **displayed image** for **viewing** by a **user** such that the **display** and the lens are located on a single optical axis extended along the line of sight of the **user**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for **image viewing** method.

USE - For head mounted **display** system used by **aircraft** pilot. Also, for commercial audio/video presentations, computer and multimedia presentations, operation theater in hospital, entertainment purposes, etc.

ADVANTAGE - **Presents** high resolution **image** for **viewing** by **user** and enables the **user** to move the **display** in and out of the **user**'s field of view.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of the camera **display** device.

pp; 89 DwgNo 1/70

Title Terms: CAMERA; **DISPLAY**; DEVICE; **AIRCRAFT**; PILOT; LENS; ADJUST; DIMENSION; **DISPLAY**; IMAGE; VIEW; **USER**; **DISPLAY**; LENS; LOCATE; SINGLE; OPTICAL; AXIS; EXTEND; LINE; SIGHT; **USER**

Derwent Class: P81; P85; W03; W04; W06

International Patent Class (Main): G02B-027/14; G09G-003/18

File Segment: EPI; EngPI

20/5/20 (Item 11 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

014978569 **Image available**
WPI Acc No: 2003-039083/200303
XRPX Acc No: N03-030473

Communication system for airplane, receives image data from digital camera and displays image data on video screen, when communication unit fixed on seatback is operated by associated passenger

Patent Assignee: HEWLETT-PACKARD CO (HEWP); CRANDALL J C (CRAN-I); CULP J R (CULP-I); RUDD M L (RUDD-I)

Inventor: CRANDALL J C; CULP J R; RUDD M L

Number of Countries: 005 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020109647	A1	20020815	US 2001784727	A	20010215	200303	B
DE 10162581	A1	20020905	DE 10162581	A	20011219	200303	
GB 2374229	A	20021009	GB 20021991	A	20020129	200303	
JP 2002359710	A	20021213	JP 200239146	A	20020215	200311	
TW 496842	A	20020801	TW 2001122261	A	20010907	200330	
GB 2374229	B	20050706	GB 20021991	A	20020129	200545	
GB 2410854	A	20050810	GB 20021991	A	20020129	200556	
			GB 20059206	A	20050505		
GB 2410854	B	20050928	GB 20021991	A	20020129	200564	
			GB 20059206	A	20050505		

Priority Applications (No Type Date): US 2001784727 A 20010215

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020109647	A1		10	G09G-005/00	
DE 10162581	A1			H04N-001/00	
GB 2374229	A			H04N-007/18	
JP 2002359710	A		7	H04N-001/00	
TW 496842	A			B64D-011/06	
GB 2374229	B			H04N-007/18	
GB 2410854	A			H04N-007/18	Div ex application GB 20021991
GB 2410854	B			H04N-007/18	Div ex application GB 20021991

Abstract (Basic): US 20020109647 A1

NOVELTY - Several communication units (14) fixed on the seatbacks of the airplane, are operated by an associated passenger to receive image data from a digital camera and display image data on a video screen. A processor is connected to the receiver of the communication unit and the video screen.

USE - For airplane passengers.

ADVANTAGE - Each communication unit is located within reach of an associated passenger seated in his or her seat, but does not occupy or reduce passenger's personal space.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective, cutaway view of an airplane with the communication system for airplane passengers.

Communication unit (14)

pp; 10 DwgNo 1/5

Title Terms: COMMUNICATE; SYSTEM; AEROPLANE; RECEIVE; IMAGE; DATA; DIGITAL; CAMERA; DISPLAY; IMAGE; DATA; VIDEO; SCREEN; COMMUNICATE; UNIT; FIX; OPERATE; ASSOCIATE; PASSENGER

Derwent Class: P85; Q25; T01; T04; W02; W06

International Patent Class (Main): B64D-011/06; G09G-005/00; H04N-001/00; H04N-007/18

International Patent Class (Additional): B64D-011/00; H04N-007/14

File Segment: EPI; EngPI

20/5/21 (Item 12 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

014852917 **Image available**

WPI Acc No: 2002-673623/200272

XRPX Acc No: N02-532567

Airplane camera system for commercial aircraft , processes images obtained by top, bottom and side camera arrays and displays on passenger viewing display and pilot display connected to computer

Patent Assignee: ISRAEL D (ISRA-I)

Inventor: ISRAEL D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020093564	A1	20020718	US 2001760127	A	20010112	200272 B

Priority Applications (No Type Date): US 2001760127 A 20010112

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020093564	A1	21	H04N-007/18	

US 20020093564 A1 21 H04N-007/18

Abstract (Basic): US 20020093564 A1

NOVELTY - The system includes top, side and bottom camera arrays (121,123A,123B,122), respectively. Images obtained by the camera arrays are processed by a computer and are displayed on passenger viewing display and pilot display connected to computer.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for process of showing images to pilot and passenger .

USE - For commercial aircraft .

ADVANTAGE - The passengers can access the views obtained by these multiple cameras for entertainment and to check on integrity of aircraft on their personal LCD screens mounted in the rear back portion of passenger seat and the passenger selects the camera angle they wish to view.

DESCRIPTION OF DRAWING(S) - The figure shows an exterior view of 737 aircraft provided with various cameras .

Top camera array (121)

Bottom camera array (122)

Side camera arrays (123A,123B)

pp; 21 DwgNo 2/14

Title Terms: AEROPLANE; CAMERA; SYSTEM; COMMERCIAL; AIRCRAFT ; PROCESS; IMAGE; OBTAIN; TOP; BOTTOM; SIDE; CAMERA; ARRAY; DISPLAY ; PASSENGER ; VIEW; DISPLAY ; PILOT; DISPLAY ; CONNECT; COMPUTER

Derwent Class: T01; W02; W06

International Patent Class (Main): H04N-007/18

File Segment: EPI

20/5/25 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

014025716 **Image available**

WPI Acc No: 2001-509930/ 200156

XRPX Acc No: N01-379189

Photography indication providing system for aircraft mounted photography device, produces and displays preview image based on photography parameter set up depending on received photography conditions

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ); NTT DATA TSUSHIN KK (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001197350	A	20010719	JP 20002222	A	20000111	200156 B

Priority Applications (No Type Date): JP 20002222 A 20000111

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

Abstract (Basic): JP 2001197350 A

NOVELTY - An acquisition unit acquires positional information of target object from the object position indicated on map. Information about **photography** conditions are **received** based on which **photography** parameter is set up. A preview **image** is produced and **displayed** based on the set **photography** parameter, after which the set up of the parameter is confirmed. The parameter is reset based on demand from the **user**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Photography indication method;
- (b) Recording medium

USE - For **sending** indication of **photography** to **photography** device mounted helicopter, to take photograph of a remote place.

ADVANTAGE - A **user** can set up a photography parameter easily, without requiring complicated and special knowledge and operation. Since preview **image** is **displayed** based on the **photography** parameter and the parameter confirmation can be performed after **display** of preview **image**, exact **photography** indication corresponding to photography demand from **user**, is produced.

DESCRIPTION OF DRAWING(S) - The figure **shows** the block diagram of **photography** indication system. (Drawing includes non-English language text).

Display control unit (105)

Receiving unit (108)

pp; 10 DwgNo 2/5

Title Terms: PHOTOGRAPH; INDICATE; SYSTEM; **AIRCRAFT**; MOUNT; PHOTOGRAPH; DEVICE; PRODUCE; **DISPLAY**; PREVIEW; IMAGE; BASED; PHOTOGRAPH; PARAMETER; SET; UP; DEPEND; RECEIVE; PHOTOGRAPH; CONDITION

Derwent Class: Q25; T01; W04

International Patent Class (Main): H04N-005/232

International Patent Class (Additional): B64D-047/08; G06T-001/00

File Segment: EPI; EngPI

20/5/43 (Item 34 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

012712140 **Image available**

WPI Acc No: 1999-518253/ 199943

XRPX Acc No: N99-385434

Closed circuit television system e.g. for aircraft

Patent Assignee: THALES AVIONICS IN-FLIGHT SYSTEMS LLC (THAL-N); SEXTANT

IN-FLIGHT SYSTEMS LLC (SEXT-N); THALES AVIONICS INC (THAL-N); BE

INTELLECTUAL PROPERTY INC (BEIN-N)

Inventor: BATES G W; HENDERSON T D

Number of Countries: 023 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9937539	A1	19990729	WO 98US27086	A	19981218	199943 B
AU 9919327	A	19990809	AU 9919327	A	19981218	200001
EP 1056642	A1	20001206	EP 98964138	A	19981218	200064
			WO 98US27086	A	19981218	
CN 1284922	A	20010221	CN 98813797	A	19981218	200131
JP 2002500989	W	20020115	WO 98US27086	A	19981218	200207
			JP 2000528475	A	19981218	
AU 758465	B	20030320	AU 9919327	A	19981218	200329
EP 1056642	B1	20040303	EP 98964138	A	19981218	200417
			WO 98US27086	A	19981218	
DE 69822224	E	20040408	DE 98622224	A	19981218	200425
			EP 98964138	A	19981218	
			WO 98US27086	A	19981218	

ES 2216344 T3 20041016 EP 98964138 A 19981218 200469
 CN 1096387 C 20021218 CN 98813797 A 19981218 200528

Priority Applications (No Type Date): US 9813645 A 19980126

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9937539 A1 E 18 B64D-011/00

Designated States (National): AU CA JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE

AU 9919327 A B64D-011/00 Based on patent WO 9937539

EP 1056642 A1 E B64D-011/00 Based on patent WO 9937539

Designated States (Regional): AT BE CH DE DK ES FI FR GB IE IT LI LU NL
 SE

CN 1284922 A B64D-011/00

JP 2002500989 W 18 B64D-047/08 Based on patent WO 9937539

AU 758465 B B64D-011/00 Previous Publ. patent AU 9919327

Based on patent WO 9937539

EP 1056642 B1 E B64D-011/00 Based on patent WO 9937539

Designated States (Regional): AT BE CH DE DK ES FI FR GB IE IT LI LU NL
 SE

DE 69822224 E B64D-011/00 Based on patent EP 1056642

Based on patent WO 9937539

ES 2216344 T3 B64D-011/00 Based on patent EP 1056642

CN 1096387 C B64D-011/00

Abstract (Basic): WO 9937539 A1

NOVELTY - The system has a video camera providing a field of view forward and downward from the aircraft 's centerline. The video camera generates a digital video signal providing several video images . Several video display modules select and display a selected video image . A video camera control module is connected tot he video camera and the video display module for receiving the digital signal and provides several selected video images to the video display modules respectively.

USE - for aircraft . For closed circuit television systems having one or more cameras providing multiple fields of view exterior to the aircraft to provide video to existing passenger entertainment video systems.

ADVANTAGE - Makes multiple fields of view available for selection by passengers on aircraft , either from single video frame from single video camera , or from multiple video cameras providing views individually selectable by passengers on the aircraft .

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of the closed circuit television system for an aircraft .

pp; 18 DwgNo 4/4

Title Terms: CLOSE; CIRCUIT; TELEVISION; SYSTEM; AIRCRAFT

Derwent Class: Q25; W02; W04; W06

International Patent Class (Main): B64D-011/00; B64D-047/08

International Patent Class (Additional): H04N-007/18

File Segment: EPI; EngPI

20/5/44 (Item 35 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

012644923 **Image available**

WPI Acc No: 1999-451028/ 199938

XRPX Acc No: N99-337509

Video display and transmission system for aircrafts - transmits synthesized video of still picture image along with video signals from camera and audio from user

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11187304	A	19990709	JP 97354465	A	19971224	199938 B

Priority Applications (No Type Date): JP 97354465 A 19971224

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11187304	A	9	H04N-005/232	

Abstract (Basic): JP 11187304 A

NOVELTY - The still picture synthesizer (25) generates synthetic video of the photographed video from the still **picture** and **transmits** to the ground. The output of the synthesizer is displayed in the **display** unit (16) along with the multiplexed video signals from the camera. The synthetic video from the still picture synthesizer is also time multiplexed to the audio signal and transmitted.

USE - For use in **aircrafts**.

ADVANTAGE - The system assists in search operations carried out through **aircrafts**. DESCRIPTION OF DRAWING(S) - The figure shows the video **display** and transmission system in **aircrafts**. (16) **Display** unit; (25) Still **picture** synthesizer.

Dwg.1/9

Title Terms: VIDEO; **DISPLAY**; TRANSMISSION; SYSTEM; TRANSMIT; VIDEO; STILL; **PICTURE**; IMAGE; VIDEO; SIGNAL; CAMERA; AUDIO; **USER**

Derwent Class: T01; W02; W03; W04

International Patent Class (Main): H04N-005/232

International Patent Class (Additional): G06T-001/00; H04N-005/265;

H04N-007/08; H04N-007/081; H04N-007/18

File Segment: EPI

20/5/50 (Item 41 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

012103518 **Image available**

WPI Acc No: 1998-520430/ 199844

XRPX Acc No: N98-406446

Audio-video intercom system for serving passengers in aircraft - has programmable video channel connected between camera and seat interface circuits, for selectively sending video images to several seat displays

Patent Assignee: ROCKWELL INT CORP (ROCW)

Inventor: INFUESTO D C; SKLAR R E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5808661	A	19980915	US 97780558	A	19970108	199844 B

Priority Applications (No Type Date): US 97780558 A 19970108

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5808661	A	5	H04N-007/14	

Abstract (Basic): US 5808661 A

The intercom system (10) includes a camera (14) for generating video images for a flight attendant (11). A seat interface circuit enables audio signal and data communication between flight attendant and **passenger** control units (15,39).

Several **displays** (38) connected to interface circuits, **displays** video images produced by camera. A programmable video channel is connected between camera and seat interface circuits, for selectively sending video images to several seat **displays**.

ADVANTAGE - Allows **passenger** to view flight attendant while making service request. Enables faster service and response time.

Dwg.1/1
Title Terms: AUDIO; VIDEO; INTERCOMMUNICATION; SYSTEM; SERVE; **PASSENGER** ;
AIRCRAFT ; PROGRAM; VIDEO; CHANNEL; CONNECT; CAMERA; SEAT; INTERFACE;
CIRCUIT; SELECT; SEND; VIDEO; IMAGE; SEAT; **DISPLAY**
Derwent Class: W01; W02; W06
International Patent Class (Main): H04N-007/14
International Patent Class (Additional): H04M-011/00
File Segment: EPI

20/5/51 (Item 42 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

011986658 **Image available**
WPI Acc No: 1998-403568/ 199835
XRPX Acc No: N98-314554

User **age authentication system of pilot-less aircraft - has two**
telecameras which photograph user 's image and his licence and control
unit to decide function, depending on displayed photographs to
prevent operation by children

Patent Assignee: NIPPON PACKING CO LTD (NIPA-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10162222	A	19980619	JP 96337576	A	19961202	199835 B

Priority Applications (No Type Date): JP 96337576 A 19961202

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10162222	A		9 G07F-009/02	

Abstract (Basic): JP 10162222 A

The system includes two tele-cameras (4,5) to take photograph of the **user** and his licence, switched by a **camera** operating unit (8b).

Communication between the pilot-less aircraft and the centre through which the **user** operates, is made via a telephone circuit. The centre through which the unspecified **user** operates the **aircraft**, has a control unit (8), a **monitor** control unit (8a) of a **monitor** (6) on which a comment is displayed and the camera operating unit.

Another **monitor** (10) displays the **images** of the **user** and his licence. The system's control unit (14) with its video DC unit (14b) makes video apparatus (11) to record the indication signal output by the indication signal output unit (14a), depending on which the operation is either permitted or stopped to prevent operation by children.

USE - For automatic vending machine.

ADVANTAGE - Prevents operation by children. Confirms age of operator using **image** of licence displayed.

File 275:Gale Group Computer DB(TM) 1983-2006/Jan 06
 (c) 2006 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2006/Jan 06
 (c) 2006 The Gale Group
 File 636:Gale Group Newsletter DB(TM) 1987-2006/Jan 05
 (c) 2006 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2006/Jan 06
 (c) 2006 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2006/Jan 06
 (c)2006 The Gale Group
 File 624:McGraw-Hill Publications 1985-2006/Jan 06
 (c) 2006 McGraw-Hill Co. Inc
 File 15:ABI/Inform(R) 1971-2006/Jan 06
 (c) 2006 ProQuest Info&Learning
 File 647:CMP Computer Fulltext 1988-2006/Jan W2
 (c) 2006 CMP Media, LLC
 File 674:Computer News Fulltext 1989-2005/Oct W2
 (c) 2005 IDG Communications
 File 696:DIALOG Telecom. Newsletters 1995-2006/Jan 05
 (c) 2006 Dialog
 File 369:New Scientist 1994-2005/Aug W2
 (c) 2005 Reed Business Information Ltd.
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 610:Business Wire 1999-2006/Jan 06
 (c) 2006 Business Wire.
 File 613:PR Newswire 1999-2006/Jan 06
 (c) 2006 PR Newswire Association Inc

Set	Items	Description
S1	1844936	AIRPLANE? ? OR PLANE? ? OR AIRCRAFT? ? OR JET? ? OR AIRLIN- ER? ?
S2	3758101	IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ?
S3	523761	S2(5N) (VIEW??? OR SEE??? OR LOOK??? OR WATCH??? OR DISPLAY- ??? OR SLIDESHOW OR SHOW??? OR PRESENT??? OR PRESENTATION OR - BROWS??? OR SCAN???? OR PERUS???)
S4	420273	(S2 OR CAMERA? ?) (7N) (CONNECT??? OR PLUG???? OR LINK??? OR ATTACH???? OR HOOK??? OR RECEIV??? OR ACCEPT??? OR TRANSFER??- ?? OR UPLOAD??? OR DOWNLOAD??? OR COMMUNICAT???? OR TRANSMIT?- ??? OR TRANSMISSION OR SEND??? OR SENT)
S5	4026985	SCREEN? ? OR VIDEOSCREEN? ? OR MONITOR? ? OR LCD? ? OR PLA- SMASCREEN? ? OR FLATPANEL? ? OR PANEL? ? OR DISPLAY? ?
S6	67	S1(50N)S3(50N)S4(50N)S5(50N) (PASSENGER? ? OR RIDER? ?)
S7	41	RD (unique items)

7/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2006 The Gale Group. All rts. reserv.

02398238 SUPPLIER NUMBER: 62101174 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ThinkPads aligned - IBM's merged notebook line speedy; size is a bit
daunting.(The \$3,899 Think Pad A20p and the \$3,699 Think Pad T20 from
IBM) (Evaluation)
Caton, Michael
eWeek, 83A
May 15, 2000
DOCUMENT TYPE: Evaluation LANGUAGE: English RECORD TYPE: Fulltext
; Abstract
WORD COUNT: 1254 LINE COUNT: 00098

... biggest head-on competitor is Compaq Computer Corp.'s Armada M700,
which also includes a 14-inch **display** and a DVD-ROM drive and weighs just
over 5 pounds.

Competitors such as Toshiba America Information Systems Inc.'s
Portege 7200 systems have 13-inch **displays** and no integrated DVD- or
CD-ROM drive, making them slightly smaller and considerably lighter than
the...

...DVD-ROM drive and weight of about 5.5 pounds, but it has only a 13-inch
display .

In eWeek Labs' benchmark tests, the T20 delivered very good battery
life-particularly for a notebook of...

...the 650MHz Pentium III-based ThinkPad 600..

The A20p, with its 700MHz Pentium III and 15-inch **display** , is one
of the most expensive and biggest notebooks we've seen of late, making it
the clear successor to the power user's ThinkPad 770. The A20m models offer
different selections on processor, **display** and removable media to get the
price in the range of the more economical ThinkPad 390.

Planes , trains and desks

Basically, this notebook lives up to the term "desktop replacement"
in more ways than one-its big **screen** will prohibit using it in a coach
seat on a **plane** , meaning unless the user routinely flies first class or
business class, he or she will only use it at a desk. The fact that the
notebook won't get much use on **planes** is a shame, given its 4-hour
battery life in our tests. Both systems are the first we've seen with
titanium-composite cases that would protect the **screen** from shattering if
the **passenger** in front of the ThinkPad user suddenly reclined the seat.

By resetting its offerings, IBM has given...

...both notebooks have an integrated USB (Universal Serial Bus)-based
expansion port at the top of their **displays** for peripherals, such as a
USB camera.

IBM officials have also mentioned offering a Bluetooth wireless
connectivity...

...but haven't provided details.

We tested the \$99 USB camera and found it adequate for basic **image**
capture or videoconferencing. The **camera** can also **connect** to the
notebooks' USB ports. The notebooks also include a Mini-PCI V.90 modem and
an...

...PCI slot, a digital video output port and two PC Card slots-without
taking up much space (**see photo** , Page 83). The PC Card and drive bay
can be locked from within the docking station, giving...

7/3,K/2 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

03732569 Supplier Number: 118168015 (USE FORMAT 7 FOR FULLTEXT)
Mounting Safety Concerns Emphasize the Need for Advanced Solutions in Aviation Security.

Business Wire, p5020

June 15, 2004

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 710

... specifically designed to meet varying needs, they share certain common characteristics.

At the most basic level, the **passenger** would have to enroll in a program where his biometric measurement is stored on a database or...

...a card. This would serve as an identification card for future reference.

To enter an airport the **passenger** would need to insert this card into a machine, and answer touch **screen** questions. The final confirmation occurs when the cardholder directs his eye into an iris **scanner** that compares the **image** of his iris with the template engraved on the ID card.

"Biometric identification methods have also been...

...minimized the need for human intervention.

Technologies such as Computed Tomography (CT) take cross sectional X-rays **images** of the luggage, and **send** it to an on-board computer. The **images** are then analyzed and their properties compared to those of known explosives. If a match is found...

...Defense Systems (MANPADS) that are shoulder-fired rockets or missiles that are designed to bring down combat **aircraft** by the infantry.

To counter the availability of these systems on the international black market, the U...

...with private sector participants.

"It is likely that the information from private participants will help modify commercial **aircraft** while minimizing the disruption and maintenance downtime to air carriers," concludes Valenti.

Advances in Aviation Security Technologies...

7/3,K/3 (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

03495633 Supplier Number: 106048053 (USE FORMAT 7 FOR FULLTEXT)
Meadow Brook Concours d'Elegance Showcases Buick's Premium American Style.

PR Newswire, pNA

July 30, 2003

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1998

... the clean design of a sports car, and the dramatically sculptured LeSabre has the look of a **jet plane**. LeSabre's styling cues clearly suggest its namesake, the F86 Sabre **jet** fighter.

The white XP-300 is owned by Sloan Museum and the pale green LeSabre is owned by General Motors.

1956 Centurion

A spectacular four- **passenger** coupe with a fiberglass body and an all-glass top, the red and white Centurion dream car was equipped with a television **camera** mounted in the trunk. A **receiver** on the instrument panel **displayed images** from the camera, thereby rendering the rearview mirror obsolete. The camera was mounted in a tailcone inspired by a **jet** fighter, a recurring theme in concept cars of the '50s. A 325-hp V-9 engine provided...

7/3,K/4 (Item 3 from file: 621)
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

03261834 Supplier Number: 91448067 (USE FORMAT 7 FOR FULLTEXT)
**DFW International Airport Debuts Mobile Command Post; Airport Equips
Emergency Response Teams With Most Advanced Intelligence, Communications
Capabilities in the World.**
PR Newswire, pDAF00113092002
Sept 13, 2002
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 711

... Vehicles of San Marcus, California. It is equipped with satellite communications, video conferencing, multiple computer workstations, "smart screen" overlays and advanced networking and telecommunications capabilities, all arranged for optimal teamwork and communications among critical emergency...

...one more example of how DFW is making our Airport more safe and secure for all its **passengers**."

The Mobile Command Post features a host of high tech capabilities powered by a 40,000-watt...
...and downlink capabilities for both voice and data, including high speed Internet connectivity. Three 42-inch plasma **monitors** are **linked** to a closed circuit TV **camera** outside of the vehicle. Inside, 11 computer workstations are connected by fiber optic networks.

A remotely operated Forward Looking Infrared (FLIR) camera on the unit can "see" through low visibility conditions to provide **images** that can be **displayed** on the plasma **screens** or any of the workstations. A roof-mounted observation platform allows personnel to observe the scene from...

...The Mobile Command Post may also be called into action during bad weather or de-icing of **aircraft**.

Located halfway between the cities of Dallas and Fort Worth, Texas, DFW International Airport is the world's third busiest, offering nearly 2000 flights per day and serving 55 million **passengers** a year. DFW International Airport provides non-stop service to 129 domestic and 30 international destinations worldwide...

7/3,K/5 (Item 4 from file: 621)
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

03059481 Supplier Number: 80493585 (USE FORMAT 7 FOR FULLTEXT)
Rockwell Collins Demonstrates Wireless Cabin Video Surveillance System.
Business Wire, p2056
Dec 3, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 351

... Transportation Safety Board reviewed the system.
"Rockwell Collins is leveraging its proven technology and expertise to enhance **aircraft** security," said Steve Piller, vice president and general manager of Rockwell Collins Air Transport Systems. "With nearly...

...our nation."
Rockwell Collins video surveillance and alerting system includes several covert pinhole cameras placed throughout the **aircraft** giving pilots a visual reference of cabin activities and allowing them to **monitor**

access to the flight deck. Installation is simplified by the wireless networking of pilot **display** terminals. These **display** terminals provide the flight crew with simultaneous **views** of multiple camera **images**. Users also have the option to downlink live video **images** through enhancements to existing **communications** equipment.

An additional feature of the system is wireless alert devices for the cabin crew. When activated, the alert device notifies the pilot of an emergency situation. The system enhances **passenger** safety by providing pilots and personnel on the ground with visual information that enables them to make...

...event of an emergency.

Along with video surveillance, Rockwell Collins is exploring other security enhancements to commercial **aircraft** including preventing deactivation of the cockpit transponder and continuous flight monitoring to provide ground personnel with a more accurate depiction of an **aircraft**'s status. These products could potentially be used aboard all commercial **aircraft** in service today.

Rockwell Collins (NYSE:COL) is a world leader in the design, production and support...

7/3,K/6 (Item 5 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

02296650 Supplier Number: 59022898 (USE FORMAT 7 FOR FULLTEXT)
Axion Takes Off Into the Aviation Entertainment Market.
Business Wire, p0511
Jan 27, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 594

... contract between its wholly-owned subsidiary, Axion Spatial Imaging Ltd. and Audio International, a subsidiary of DeCrane **Aircraft** Holdings Inc. representing an exciting new expansion into the highly competitive and expanding world of customized **aircraft** cabin information systems.

Under the terms of this contract and royalty agreement, valued at over half a...

...topographical, and local maps and data with flight information to create a comprehensive tool for the airborne **passenger**.

MAP.net gives each individual **passenger** control over a map **display** that is integrated with the **aircraft**'s navigation system through GPS. MAP.net lets **passengers** zoom, track, and retrieve statistics, and search for information from a vast library of satellite **images**, Internet **links** to travel sites and other databases of information about the land below.

“Axion's compression technology, its ability to combine GPS, 3D **image presentation**, and instant **display** of extremely large satellite **image** files, and then to integrate them all into a single, user-friendly product is what forms the...

...this new addition to our line of quality audio/video and cabin management systems for the executive **aircraft** industry.”

“This contract with Audio International represents a significant milestone in Axion's growth strategy...

...President of Axion Spatial Imaging Ltd. “More and more industries are looking for ways to use, **display**, distribute, and manipulate GIS and positional data to increase their core business capability. Axion has the tools...

7/3,K/7 (Item 6 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

01898972 Supplier Number: 54884459 (USE FORMAT 7 FOR FULLTEXT)
Delta Travel Air Departs Love Field to Recreate 1929 Flight.
PR Newswire, p9277
June 15, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 247

On June 17, Delta Air Lines (NYSE: DAL) will recreate its very first **passenger** flight as the tiny five- **passenger** Travel Air monoplane departs Love Field at 8 a.m. in observance of Delta's 70th anniversary...

...that stretched to Jackson, Mississippi, with stops at Shreveport and Monroe, Louisiana.

WHAT: Delta Air Lines' five- **passenger** Travel Air monoplane departs Love Field to fly Delta's original **passenger** route to Shreveport, Louisiana; Monroe, Louisiana; Jackson, Mississippi.

WHEN: On June 17, 1999, ceremonies begin at 7:30 a.m. (On June 17 1929, Delta's original **passenger** flight departed Love Field at 8 a.m.)
WHERE: Love Field Airport
DALFORT Aviation
8036 Aviation Place...

...Mac Armstrong, Delta's Executive Vice President - Operations, will preside as the Travel Air departs. The five- **passenger** **plane** will be piloted by Retired Captain William F. Mercure and First Officer Robin L. Maiden.

ALSO: Following the departure, Delta and the Frontiers of Flight Museum will host a breakfast with historic **photographs** and **displays**.
CONTACT: Corporate **Communications** of Delta Air Lines, Inc.,
404-715-2554

7/3,K/8 (Item 7 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

01855382 Supplier Number: 54458639 (USE FORMAT 7 FOR FULLTEXT)
Genesis Reports More Customer Products in Full Production.
Business Wire, p0115
April 23, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1128

... gmVLD8 and gm833x2B chips.
Clarity Visual Systems, Inc. (Wilsonville, OR)
Clarity makes clever, award-winning rear-projection **displays** based on Texas Instruments' Digital Light Processing (DLP) technology. These large-screen displays utilize the latest digital...

...quality every time. The TranScanner relies on the Genesis gmVLD8 chip to convert interlaced video to progressive- **scan** video without onscreen **image** artifacts.

James Grunder & Associates Inc. (Lenexa, KS)
Two new products from James Grunder & Associates use a number...

...system with outstanding image capabilities. The 3897 Model 4 Image Capture System captures high-quality, high-resolution **images** and **sends** them to a host system for storage and further processing. The product uses 16 Genesis gm865x1 chips...

...precisely replicated inside the patient by instruments with tiny "wrists" inserted through one-centimeter incisions. The 3D **display** integrated in the console relies on a pair of gmVLX1 chips for video/graphic processing.

Salt Lake Digital Imaging, Inc. (Logan, UT)

Airline **passengers** can't help but notice the new liquid crystal **displays** which provide inflight movies from a **monitor** under the baggage compartment. Salt Lake Digital Imaging produces LCD driver boards used on many Airbus **jets**. These boards employ the Genesis gmVLX1 IC to convert interlaced video to progressive-**scan** video. The resulting **images** look sharp and do not contain any "jaggy" artifacts which are common with other video conversion techniques.

SGI...

...Monitoring Distribution Amplifier (DA) is a high-definition DA designed to extend the life of standard-resolution **monitors** by down-converting the HD signal for **display** on SD **monitors**, no matter whether they have NTSC or serial digital inputs. The M9603HD was designed to assure signal...

7/3,K/9 (Item 8 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

01331955 Supplier Number: 46042074 (USE FORMAT 7 FOR FULLTEXT)
FORD'S SYNERGY 2010 CONCEPT CAR EXPLORES FUTURISTIC TECHNOLOGY AND DESIGN IDEAS

PR Newswire, p0102DETU017

Jan 2, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1405

... spaciousness and minimize information overload, virtually all the electronic controls are voice-activated, resulting in an instrument **panel** devoid of switches, levers or buttons. The driver **monitors** the vehicle's operation by checking a **display** projected onto a glass card from a computerized "sourced image" at the back of the steering wheel...

...futuristic video answering machine.

A separate liquid crystal message center positioned in the middle of the instrument **panel** comes alive through voice activation. Here, the driver accesses features such as an advanced navigation system, entertainment system, climate controls -- even the Yellow Pages(TM). This message center is flanked by **screens** relaying video from the rear-view cameras.

Aircraft design: The steering wheel design resembles an **aircraft** yoke, with the top third and bottom third of the rim removed, providing the driver an unobscured view of the electronic **displays** and easier entry and exit.

Left- or right-hand-drive: Also reminiscent of an **aircraft**, the car's steering column attaches to a cantilevered arm mounted in the center of the vehicle...

...column telescopes. The seat moves vertically and reclines, taking the armrest with it. The driver and front **passenger** seat also are lightweight, forgoing thick padding for see-through webbing at strategic

points, while still providing...

...0- 1/2/96

/EDITORS' ADVISORY: Photo accompanying this release will be available on AP PhotoExpress Network -- see photo PRN4. Also, a free photo to accompany this story will be available via Wieck Photo Database to any media with telephoto receiver or electronic darkroom, PC or Macintosh, that can accept overhead transmissions. To retrieve a photo, please call 214-392-0888. PRNewsFotos also are available via PressLink. Please call 703-758-1740 for...

7/3,K/10 (Item 9 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

01212118 Supplier Number: 43643856 (USE FORMAT 7 FOR FULLTEXT)
NEW AIRPORT SECURITY SYSTEM TO SPEED PASSENGER FLOW AT NATIONAL AIRPORT
PR Newswire, p1
Feb 10, 1993
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 329

... American Airlines today unveiled
an airport security checkpoint designed to enhance security and
reduce lines to help passengers get to their gates faster.

The new-look checkpoint and its features, including cameras, video
monitors and wireless communication systems for screeners and
supervisors, was shown to aviation security experts who gathered from
around the country...

...visible security features enhance the security process by
providing an added deterrent value. And screeners can now watch and
record video images of passengers and their bags simultaneously.

To prevent bottlenecks, passengers who alarm metal detectors are
escorted a few feet away to be cleared through secondary units,
keeping the primary flow of passengers
moving. There are virtually no
lines with the new system.

American Airlines, a subsidiary of Fort Worth-based AMR Corp., is the
largest airline in the world with 667 jet aircraft and more than
2,600 scheduled daily departures, 44 of which are from National
Airport.

ITS is...

7/3,K/11 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2006 The Gale Group. All rts. reserv.

06126093 Supplier Number: 137683431 (USE FORMAT 7 FOR FULLTEXT)
Boeing selects AD Aerospace to provide video monitoring on B747-LCF; Pilots
can observe the status of the main deck cargo on their EFBs.
M2 Presswire, pNA
Oct 18, 2005
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 461

... environmentally protected cameras and a series of LED illuminators,

strategically positioned within the main deck cargo area, **linked** via a **camera** interface unit to the Electronic Flight Bag (EFBs) used by the flight deck crew. Each pilot will be able to individually select a group of cameras on their EFB **display** and **view** the **image** from a selected camera.

"We at AD Aerospace are proud to have been selected by Boeing for...

...Dreamliner", said Mike Horne, Managing Director, AD Aerospace. "Video capability enables the flight crew of a cargo **aircraft** to view the cargo area without leaving their seats, especially important when as in this case the...

...during flight."

Boeing's 747-400 LCF will be used to transport the major sections of the B787 **passenger** **airliner** for final assembly in Seattle. The B747-400 LCF is itself a major feat of engineering with...

7/3,K/12 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2006 The Gale Group. All rts. reserv.

04879191 Supplier Number: 68874459 (USE FORMAT 7 FOR FULLTEXT)
1-2-1 Euro Technology provides pocket PCs to speed British Airways' check-in process; Pocket PCs will link to British Airways' wireless network for checking in passengers who are caught in the queue.

M2 Presswire, pNA

Jan 8, 2001

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 983

... by providing complete advice, quality products and services and ensuring accuracy with deliveries and paperwork. The company **monitors** responsiveness to clients on a daily basis by reviewing support calls received, quotations ...www.12leurotech.com

About British airways

British Airways is the world's biggest international airline, carrying more **passengers** from one country to another than any of its competitors. It is one of the world's...

...people chose to fly on the 538,000 flights that it operated. Some 30 million of these **passengers** flew internationally - representing around one in every 15 people flying ...London's two main airports, Heathrow (the world's biggest international airport) Gatwick. British Airways operates 337 **aircraft** - one of the largest fleets in Europe. In January 2000, it unveiled ?600 million worth of new...

...be introduced during the subsequent two years.

Its website is www.britishairways.com. Media information can be viewed at www.britishairways.com/press

Images are available from
www.british-airways.com/inside/media/gallery/docs/ **images** .shtml

CONTACT: Michael Kahn, Chazbrooks **Communications** Tel: +44 (0)1483 277 711 e-mail: michaelk@chazb.com WWW: http://www.chazb.com Jane...

7/3,K/13 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2006 The Gale Group. All rts. reserv.

03109144 Supplier Number: 46356134 (USE FORMAT 7 FOR FULLTEXT)
RESHUFFLE IN US IN-FLIGHT TELEVISION MARKET

Screen Digest, pN/A

May 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade
Word Count: 137

As alternative to produced programmes, video camera system, which films view beneath flying aircraft and transmits images to screen in seat back, is giving airline passengers new angle on in-flight entertainment. Landscape system, developed by French company Latecoere, allows passengers to select live views from one of two cameras mounted beneath fuselage.

7/3,K/14 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

09304012 Supplier Number: 80933613 (USE FORMAT 7 FOR FULLTEXT)
Qualcomm security technology Shown before congress. (High-Tech). (Medium
Data Rate Satellite Communications System) (Brief Article)
Graves, Brad
San Diego Business Journal, v22, n49, p8(1)
Dec 3, 2001
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; Trade
Word Count: 228

... Rep. Susan Davis D-San Diego) and staffers.
MDSS is technology that lets people on the ground monitor what's happening aboard commercial airliners in real time. Qualcomm demonstrated it in late October at Lindbergh Field.

During both demonstrations, the system plotted the path of a business jet against a map. It showed real-time images from cockpit and cabin cameras, let passengers send and receive text messages and digital photos - and beamed flight video to a telephone handset.

At the Oct. 29 demonstration, audio contact with the jet was briefly interrupted, then restored. A Qualcomm spokeswoman attributed the glitch to a faulty headset.

In separate...

7/3,K/15 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

16290272 SUPPLIER NUMBER: 108564042 (USE FORMAT 7 OR 9 FOR FULL TEXT
)
US evaluating technology for cameras on commercial aircraft.
Airline Industry Information, NA
Oct 6, 2003
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 138 LINE COUNT: 00015

The US government is reportedly evaluating technology for ground personnel to monitor pilots and passengers on commercial aircraft.

Boeing has demonstrated a satellite system to Federal Aviation Administration (FAA) officials to show how images could be sent from an aircraft to the ground. In two test flights earlier this year, a Boeing 737 aircraft equipped with seven cameras transmitted images of the cockpit and the cabin. Further tests on the technology are now expected to see whether infringement of their authority, while passengers advocates support the measures, reported The Associated Press.

((Comments on this story may be sent to aii...

7/3,K/16 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

14271707 SUPPLIER NUMBER: 82606875 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Taking the airtrain: Curious pictures animates a smooth commute to newark.

(Action: Late-Breaking News).

Diedrick, Brian

SHOOT, 43, 4, 7(2)

Jan 25, 2002

ISSN: 1074-5297

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1168

LINE COUNT: 00093

... to take it out."

In late September, Curious delivered a 90-second video for in-flight video **screens** and airport kiosks, as well as a :30 for television. The AirTrain service launched in October--as...

...Heathrow airport."

Buoyed by the soundtrack, the animation conveys a fairly substantial amount of traveling information. We **see images** of a **passenger** making a seamless **connection** from an office in midtown Manhattan to his window seat on a **plane**--whisking past a jam-packed, looping highway system in the process. The voiceover informs us that travelers...

...all across the Eastern Seaboard.

AirTrain utilizes rail connections from Amtrak and New Jersey Transit to funnel **passengers** to the new Newark International Airport Station. There, **passengers** transfer to the AirTrain--known in its previous incarnation as "The Monorail"--which whisks them to their airport terminals. Thus, a **passenger** could board Amtrak in Boston and never have to leave the rails before exiting at the Newark...

7/3,K/17 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

08870352 SUPPLIER NUMBER: 18567632

From **airways** to **electrons**; Jeppesen is expanding into electronic information and document management. (Jeppesen Sanderson Inc.) (Information Technology)

Henderson, Danna K.

Air Transport World, v33, n8, p95(3)

August, 1996

ISSN: 0002-2543

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2424

LINE COUNT: 00193

... F. Green Airport just south of Providence, Southwest will be able to serve southern New England, drawing **passengers** from Rhode Island, Massachusetts, New Hampshire and Connecticut, according to Chairman, President and CEO Herb Kelleher.

No...

...changing its name to reflect its growth outside the Southwest region.

Emirates to offer flying camera channel

Passengers on Emirates' new Boeing 777 widebodies will be able to view the world as never seen from an **aircraft** seat--via a unique new flying camera.

Each 777 will have two cameras fitted to the front of the undercarriage, one providing a forward **view** and the other downward. Pictures will be **transmitted** through the flying **camera** channel to each **passenger**'s personal video **screen**, "providing a bird's-eye view of takeoffs, landings, magnificent scenery and spectacular sunsets en route," the...

...flight EK001 Dubai-London, when Emirates became the first 777 operator

to fly the Rolls-Royce-powered **aircraft** on a commercial flight to the U.K.

The Emirates in-flight entertainment system offers 17 video...

...program, chefs are employed and fully trained as flight attendants on international flights, They explain menus to **passengers**, prepare dishes according to individual requirements and perform flight-attendants' functions as required.

7/3,K/18 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

07699923 SUPPLIER NUMBER: 16432171 (USE FORMAT 7 OR 9 FOR FULL TEXT)
NEW REGIONAL AIRLINER ON NORTH AMERICAN TOUR
PR Newswire, p0209DC001
Feb 9, 1995
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 689 LINE COUNT: 00066

... the Rockwell-Collins Pro-Line 4 avionics suite that includes a six cathode ray tube (CRT) instrument **panel** as well as the Collins auto pilot/flight director and flight management system.

The new regional airliner...

...excellent leg room, an electronic noise control system that provides an interior quiet equal to current jet **airliners**, a large baggage hold, large overhead stowage bins and the latest technology in cabin lighting and personal service units. The **aircraft** is designed with a modern **aircraft** galley for serving meals and a full lavatory.

The **aircraft** was first approved for development in mid-1989, was rolled-out in late 1991 and began its...

...Aviation Administration (FAA).

Crossair of Switzerland, the launch customer for the Saab 2000, placed their first five **aircraft** into **passenger** revenue service last fall. Their in-service experience has been outstanding. Saab holds firm orders for 39 2000's along with more than 100 purchase options on the **aircraft**.

Saab 2000 Tour Cities

Seattle, Washington	February	10
San Luis Obispo, California	February	11
Las Vegas, Nevada...		

...9/95

/NOTE TO EDITORS: Photo accompanying this release will move on AP PhotoExpress Network later today -- **see photo** PRN1. Also, a free **photo** to accompany this story will be available later today via Wieck **Photo** Database to any media with telephoto **receiver** or electronic darkroom (PC or Macintosh) that can **accept** overhead transmissions. To retrieve a **photo**, please call 214-392-0888.

PRNewsFotos are also available via PressLink. Please call 703-758-1740 for additional information.

B-roll video is also available upon request./

/CONTACT: Ron Sherman of Saab **Aircraft** of America, 703-406-7226 or, fax, 703-406-7224/

CO: Saab **Aircraft** of America, Inc. ST: Virginia IN: AIR SU: PDT
IH-DC -- DC001 -- 5800 02/09/95 09...

7/3,K/19 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

06217394 SUPPLIER NUMBER: 13412905 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The application of imaging sensors to aircraft landings in adverse weather.
Greenwood, Stuart W.
Microwave Journal, v35, n9, p80(5)
Sept, 1992
ISSN: 0192-6225 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2358 LINE COUNT: 00192

... helps predict future developments. The significant benefit of using radar instead of relying on normal visibility is **shown** in Figure 4.

The Overall Picture

Calculated **transmission** values at the comparatively short distances involved in approaches and landings to commercial airports, coupled with the...

...are the often conflicting demands on weather penetration and image quality.

Flight tests using a Cessna 402 **aircraft** [9] have shown that FLIRs, which have well established technology, are suitable for landing and taxiing under...

...ILM programs, and a program is under way to test a 94 GHz imaging radar in the **aircraft**. This program has the support of a number of manufacturers and the airline industry. As part of the plan, a DC-10/747 **aircraft** fleet will be equipped with an HUD/EVS system to improve flight operations and **passenger** convenience, significantly reducing delays and diversions. The airline industry hopes that its commitment will stimulate the civil...

...of the Graduate School of Engineering, University of Dayton, April, 1978. [4.] R.F. Ellis, "Independent Landing **Monitor** Project: Hazard Detection," Air Force Flight Dynamics Laboratory Report No. AFFDL/FGL-TM-77-33, May 1977...

7/3,K/20 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

06146070 SUPPLIER NUMBER: 12732044 (USE FORMAT 7 OR 9 FOR FULL TEXT)
NEW AIRPORT SECURITY SYSTEM TO SPEED PASSENGER FLOW AT NASHVILLE
INTERNATIONAL
PR Newswire, 1104A2438
Nov 4, 1992
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 388 LINE COUNT: 00034

TO SPEED **PASSENGER** FLOW AT NASHVILLE INTERNATIONAL
NASHVILLE, Tenn., Nov. 4 /PRNewswire/ -- American Airlines today unveiled an airport security checkpoint designed to enhance security and reduce lines to help **passengers** get to their gates faster.

The new-look checkpoint and its features, including **cameras**, video **monitors** and wireless **communication** systems for screeners and supervisors, was shown to aviation security experts who gathered from around the country...

...visible security features enhance the security process by providing an added deterrent value. And screeners can now **watch** and record video **images** of **passengers** and their bags simultaneously.

"One of the goals of the Metropolitan Nashville Airport Authority is to provide superior services for our **passengers**," said Gen. William G. Moore, Jr., president of the airport authority. "The new High Tech Checkpoint security system unveiled today enhances security and reduces delays for **passengers**."

To prevent bottlenecks, **passengers** who alarm metal detectors are

escorted a few feet away to be cleared through secondary units, keeping...

...a subsidiary of Fort Worth-based AMR Corp., is the largest airline in the world with 667 jet aircraft and more than 2,600 scheduled daily departures, 140 of which are from Nashville. Another AMR subsidiary...

File 8: Ei Compendex(R) 1970-2006/Dec W4
(c) 2006 Elsevier Eng. Info. Inc.
File 35: Dissertation Abs Online 1861-2005/Dec
(c) 2005 ProQuest Info&Learning
File 65: Inside Conferences 1993-2006/Jan W1
(c) 2006 BLDSC all rts. reserv.
File 2: INSPEC 1898-2005/Dec W2
(c) 2005 Institution of Electrical Engineers
File 94: JICST-EPlus 1985-2006/Oct W5
(c) 2006 Japan Science and Tech Corp (JST)
File 6: NTIS 1964-2005/Dec W2
(c) 2005 NTIS, Intl Cpyrght All Rights Res
File 144: Pascal 1973-2005/Dec W2
(c) 2005 INIST/CNRS
File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 34: SciSearch(R) Cited Ref Sci 1990-2006/Jan W1
(c) 2006 Inst for Sci Info
File 99: Wilson Appl. Sci & Tech Abs 1983-2005/Oct
(c) 2005 The HW Wilson Co.
File 266: FEDRIP 2005/Dec
Comp & dist by NTIS, Intl Copyright All Rights Res
File 95: TEME-Technology & Management 1989-2006/Jan W1
(c) 2006 FIZ TECHNIK
File 256: TecInfoSource 82-2005/Feb
(c) 2005 Info.Sources Inc
File 248: PIRA 1975-2006/Dec W3
(c) 2006 Pira International

Set	Items	Description
S1	1739117	AIRPLANE? ? OR PLANE? ? OR AIRCRAFT? ? OR JET? ? OR AIRLIN- ER? ?
S2	3010425	IMAGE? ? OR PHOTO? ? OR PHOTOGRAPH? ? OR PICTURE? ?
S3	360738	S2 (5N) (VIEW??? OR SEE??? OR LOOK??? OR WATCH??? OR DISPLAY- ??? OR SLIDESHOW OR SHOW??? OR PRESENT??? OR PRESENTATION OR - BROWS??? OR SCAN???? OR PERUS???)
S4	169982	(S2 OR CAMERA? ?) (7N) (CONNECT??? OR PLUG???? OR LINK??? OR ATTACH???? OR HOOK??? OR RECEIV??? OR ACCEPT??? OR TRANSFER??- ?? OR UPLOAD??? OR DOWNLOAD??? OR COMMUNICAT???? OR TRANSMIT?- ??? OR TRANSMISSION OR SEND??? OR SENT)
S5	1277917	SCREEN? ? OR VIDEOSCREEN? ? OR MONITOR? ? OR LCD? ? OR PLA- SMASCREEN? ? OR FLATPANEL? ? OR PANEL? ? OR DISPLAY? ?
S6	286	S1 AND S3 AND S4 AND S5
S7	2	S6 AND (PASSENGER? ? OR RIDER? ?)
S8	2	S1 AND S3 AND CAMERA? ? AND S5 AND (PASSENGER? ? OR RIDER? ?)
S9	2	S7:S8
S10	1	RD (unique items)

10/5/1 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1146744 NTIS Accession Number: AD-D011 378/7

Voice Command Weapons Launching System

(Patent)

Brown, H. E.

Department of the Air Force, Washington, DC.

Corp. Source Codes: 000260000; 109850

Report No.: PAT-APPL-6-411 946; PATENT-4 471 683

Filed 23 Aug 82 patented 14 Sep 84 7p

Languages: English Document Type: Patent

Journal Announcement: GRAI8503

Supersedes PAT-APPL-6-411 946, AD-D009 839.

This Government-owned invention available for U.S. licensing and, possibly, for foreign licensing. Copy of patent available Commissioner of Patents, Washington, DC 20231 \$1.00.

NTIS Prices: Not available NTIS

Country of Publication: United States

This abstract discloses a voice-controlled weapons launching system for use by a pilot of an aircraft against a plurality of simultaneously appearing (i.e., existing) targets, such as two or more aggressor aircraft (or tanks, or the like) attacking more aggressor aircraft. The system includes, in combination, a voice controlled input device linked to and controlling a computer; apparatus (such as a television camera, receiver, and display), linked to and actuated by the computer by a voice command from the pilot, for acquiring and displaying an image of the multi-target area; a laser, linked to and actuated by the computer by a voice command from the pilot to point to (and to lock on to) any one of the plurality of targets, with the laser emitting a beam toward the designated (i.e., selected) target; and a plurality of laser beam-rider missiles, with a different missile being launched toward and attacking each different designated target by riding the laser beam to that target. Unlike the prior art, the system allows the pilot to use his hands full-time to fly and to control the aircraft, while also permitting him to launch each different missile in rapid sequence by giving a two-word spoken command after he has visually selected each target of the plurality of targets, thereby making it possible for the pilot of a single defender aircraft to prevail against the plurality of simultaneously attacking aircraft, or tanks, or the like.